

Section 1.1: Numbers All Around Us

1. Solve without a calculator.
a) $86 + 124$ b) $174 - 63$ c) 22×1000 d) $525 \div 25$

2. Estimate. Explain the strategy you used each time.
a) $82 + 77$ b) $234 - 18$ c) 51×11 d) $319 \div 80$

3. Dana runs 15 km per day during the week and 25 km per day on weekends.
a) How far does Dana run in a week?

b) How far would Dana run in one month?

 What assumptions did you make?

4. Mrs. Wong bought 6 sweatshirts at \$39.95 each, including tax.
a) About how much money did she spend?

b) She gave the cashier \$250.
 She got \$9.30 in change.
 Does this seem right? Explain.

5. The Grade 7 students are divided into 3 classes.
 There are 29 students in Mr. Haley's class,
 32 students in Mr. Chua's class,
 and 28 students in Mrs. Davis' class.
a) About how many students are in Grade 7?

b) What is the actual number of students in Grade 7?

c) Was your estimate high or low? Why?